


Form PTO-1595 (Rev. 08/05)
OMB No. 0851-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies): Mitsuaki Morimoto (10/23/2004), Makoto Nakahara (10/23/2004), and Naoto Yokoyama (10/23/2004) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Sharp Kabushiki Kaisha</u> Internal Address: _____ Street Address: <u>22-22 Nagaike-cho Abeno-Ku Osaka-Shi, Osaka 545-8522 JAPAN</u> City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____</p>	<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>10/517,242</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed: Name: <u>David G. Conlin EDWARDS ANGELL PALMER & DODGE LLP</u> Internal Address: <u>Atty. Dkt.: 62538(70551)</u> Street Address: <u>P.O. Box 55874</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02205</u> Phone Number: <u>(617) 439-4444</u> Fax Number: <u>(888) 325-9129</u> Email Address: <u>DConlin@eapdlaw.com</u></p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p>
<p>8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>04-1105</u> Authorized User Name <u>Steven M. Jensen</u></p>	
<p>9. Signature: <u></u> Signature <u>5/17/06</u> Date <u>Steven M. Jensen - 42,693</u> Name of Person Signing Total number of pages including cover sheet, attachments, and documents: </p>	

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Form PTO-1595	RECORDATION FORM COVER SHEET (continued)
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):	
Additional Assignees (2. Continued):	
Assignee Name: <u>Komura Tech Co., Ltd.</u> Internal Address: Street Address: <u>3-3, Takaida Higashiosaka-shi Osaka 577-0053 JAPAN</u> City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: <u>Hitachi Industries Co., Ltd.</u> Internal Address: Street Address: <u>13-17, Nakagawa 4-chome Adachi-ku, Tokyo 120-8585 JAPAN</u> City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____ Internal Address: Street Address: City: _____ State: _____ Country: _____ Zip: _____	
Additional Applications and/or Patents (4. Continued):	
Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	

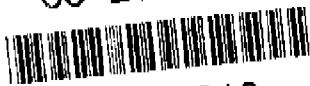
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06-21-2005

DT09 Rec'd PCT/PTO 07 DEC 2004

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



10/517242

To the Director of the U.S. Patent and Trademark Office, at the address(es) or the new address(es) below.

1. Name of conveying party(ies)
Mitsuaki Morimoto, Makoto Nakahara, Naoto Yokoyama

Execution Date(s): 10/23/04, 10/23/04, and 10/23/04
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Sharp Kabushiki Kaisha
Internal Address:
Street Address:
22-22 Nagaike-cho
Osaka, JAPAN 545-8522
City:
State:
Country: Zip:
Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

4. Application or patent number(s):
A. Patent Application No (s)
This application
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent No.(s)
 Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: Steven M. Jensen
EDWARDS & ANGELL, LLP
Internal Address: Atty. Dkt.: 62538 (70551)
Street Address: P.O. Box 55874
City: Boston
State: MA Zip: 02205
Phone Number: (617) 439-4444
Fax Number: (617) 439-4170
Email Address: sjensen@edwardsangell.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

9. Signature:
Signature Date: December 7, 2004
Steven M. Jensen - 42,693
Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 4

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV517817740 US, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.
Dated: December 7, 2004 Signature: (Michela Chi eos)

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03 FC:8021

DT09 Rec'd PGI/PTO 07 DEC 2004

REGORDATION FORM COVER SHEET
(continued) **10/517242**

Form PTO-1595

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Additional Assignees (2. Continued):

Assignee Name: Komura Tech Co., Ltd.

Internal Address:

Street Address: 3-3, Takaida, Higashiosaka-shi
Osaka, JAPAN 577-0053

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: Hitachi Industries Co., Ltd.

Internal Address:

Street Address: 13-17, Nakagawa 4-chome, Adachi-ku
Tokyo, JAPAN 120-8585

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached?

Yes

No

ATTORNEY DOCKET NO.

**UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS
ASSIGNMENT**

Application No. _____ Filed _____

Insert Name(s)
of Inventor(s)

→ WHEREAS, Mitsuaki MORIMOTO, Makoto NAKAHARA, Naoto YOKOYAMA,
Shinichiro KAWABE, Masaru MITSUMOTO, Yuichi KOMURA, and Yoshimi SAITO

Insert Title
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____
→ Printing Plate, Press and Method of Printing, and Apparatus and Method for
Manufacturing Liquid Crystal Devices

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date of
Signing of
Application

→ on October 22, 23, 27, and November 5, 2004 ; and

Insert Name
of Assignee

→ WHEREAS, (1) Sharp Kabushiki Kaisha
(2) KOMURA TECH CO., LTD.
(3) HITACHI INDUSTRIES CO., LTD.

Insert Address
of Assignee

→ of (1) 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan
(2) 3-3, Takaida, Higashiosaka-shi, Osaka 577-0053 Japan
(3) 13-17, Nakagawa 4-chome, Adachi-ku, Tokyo 120-8585 Japan

CHECK BOX
IF APPROPRIATE

its heirs, successors, legal representatives and assigns (hereinafter designate as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
→ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

**PATENT
REEL: 017635 FRAME: 0963**

The undersigned agree(s) , execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Edwards & Angell, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date October 23, 2004 , Name of Inventor Mitsuaki Morimoto
Mitsuaki MORIMOTO

Date October 23, 2004 , Name of Inventor Makoto Nakahara
Makoto NAKAHARA

Date October 23, 2004 , Name of Inventor Naoto Yokoyama
Naoto YOKOYAMA

Date _____ , Name of Inventor _____
Shinichiro KAWABE

Date _____ , Name of Inventor _____
Masaru MITSUMOTO

Date _____ , Name of Inventor _____
Yuichi KOMURA

Date _____ , Name of Inventor _____
Yoshimi SAITO

Date _____ , Name of Inventor _____

Date _____ , Name of Inventor _____

PATENT